

PROGRAMMING SMART ROBOT CAR



TSCINBUNY

Manual & Tutorial



产品零件/Product Parts



开发板
(Development Board)



扩展板
(Expansion Board)



电机驱动模块
(Motor Drive Module)



电池盒
(Battery Box)



减速电机*4
(Geared Motor*4)



轮子*4
(Wheel*4)



电机支架*4
(Motor Bracket*4)



扩展板支架
(Expansion Board Bracket)



亚克力车板
(Acrylic car plate)

产品零件/Product Parts



M2*10圆头螺丝*4
(M2*10 round head screws*4)



M2螺母*4
(M2 nuts*4)



M3*8平头螺丝*10
(M3*8 flat head screws*10)



M3*10平头螺丝*16
(M3*10 flat head screws*16)



M3*12平头螺丝*8
(M3*12 flat head screws*8)



M3*30圆头螺丝*8
(M3*30 round head screws*8)



M3螺母*24
(M3 nuts*24)



M3*15铜柱*10
(M3*15 copper pillar*10)



母对母杜邦线 10cm 10P
(M-M Dupont Cable 10cm 10P)



公对母杜邦线 20cm 2P
(M-F Dupont Cable 20cm 2P)



Type-C USB线
(Type-C USB Cable)



Wi-Fi天线
(Wi-Fi Antenna)

安装铜柱 (Installing copper pillar)



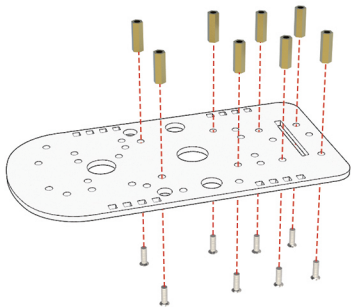
① M3*15铜柱*8
(M3*15 copper pillar*8)



② M3*10平头螺丝*8
(M3*10 flat head screws*8)



③ 亚克力车板
(Acrylic car plate)



将铜柱固定在亚克力车板的上方。
Secure the copper pillar to the top of
the acrylic car plate.

安装电机支架 (Installing motor bracket)



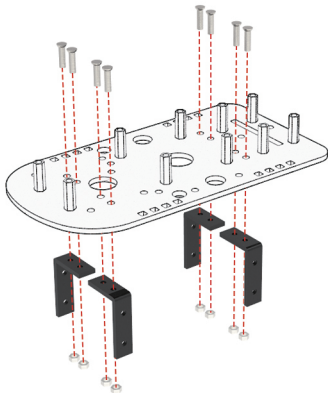
① M3*12平头螺丝*8
(M3*12 flat head screws*8)



② M3螺母*8
(M3 nuts*8)



③ 电机支架*4
(Motor Bracket*4)



将电机支架固定在亚克力车板的下方。
Secure the motor bracket to the underside
of the acrylic car plate.

安装电机 (Installing motor)



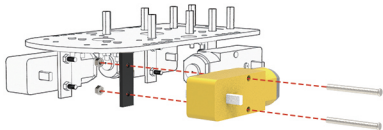
① M3*30圆头螺丝*8
(M3*30 round head screws*8)



② M3螺母*8
(M3 nuts*8)



③ 减速电机*4
(Geared Motor*4)



将4个电机固定在电机支架上。

注意：电机有焊锡的那端需要朝向里面，有凸点的那面朝向外面。

Secure the 4 motors to the motor bracket.

Note: The end of the motor with the solder needs to be facing in, and the side with the bumps facing out.

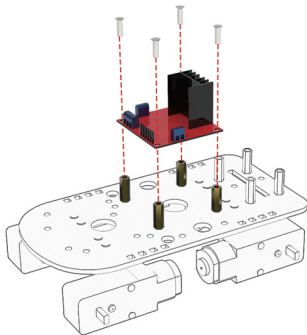
安装电机驱动模块 (Installing the motor drive module)



① M3*10平头螺丝*4
(M3*10 flat head screws*4)



② 电机驱动模块
(Motor Drive Module)



将电机驱动模块固定在铜柱上。
注意电机驱动模块的方向。

Secure the motor drive module to the copper pillar.
Note the orientation of the motor drive module.

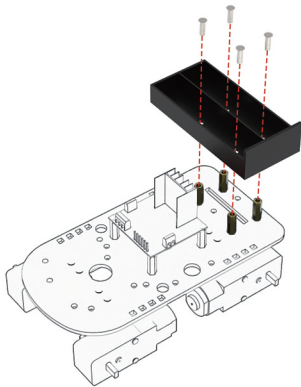
安装电池盒 (Installing the battery box)



① M3*10平头螺丝*4
(M3*10 flat head screws*4)



② 电池盒
(Battery Box)



将电池盒固定在铜柱上。
Secure the battery box to the copper pillar.

安装开发板和扩展板 (Installing Development Board and Expansion Board)

① M2*10圆头螺丝*4
(M2*10 round head screws*4)

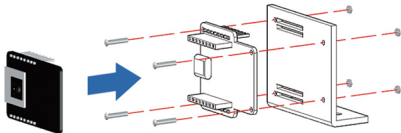
② M2螺母*4
(M2 nuts*4)



③ 开发板
(Development Board) ④ 扩展板
(Expansion Board)



⑤ 扩展板支架
(Expansion Board Bracket)



先把扩展板固定在扩展板支架上，再把开发板插在扩展板上。

注意：需要对好扩展板和开发板上引脚标识。

Fix the expansion board on the expansion board bracket first, and then plug the development board into the expansion board.

Note: You need to match the pin markings on the expansion board and the development board.

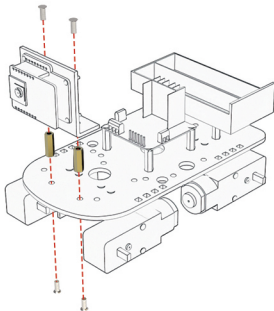
安装扩展板支架 (Installing expansion board bracket)



① M3*8平头螺丝*4
(M3*8 flat head screws*4)



② M3*15铜柱*2
(M3*15 copper pillar*2)



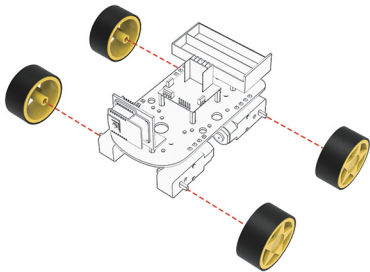
先将铜柱固定在亚克力车板上，再把
扩展板支架固定在铜柱上。

Fix the copper pillar to the acrylic car plate first,
and then fix the extension board bracket
to the copper pillar.

安装车轮 (Installing wheels)



① 轮子*4
(Wheel*4)

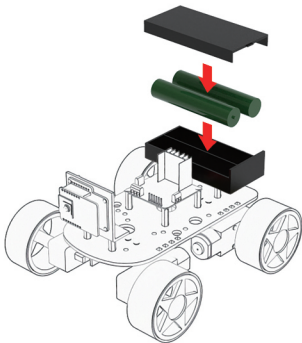


将轮子固定在电机上。
Secure the wheel to the motor.

安装电池 (Installing wheels)



① 电池盒盖*1
(Battery box cover*1)



对好电池的正负极，然后放进电池盒中。

注意：该产品不包含电池，需自备2节3.7V 18650电池。

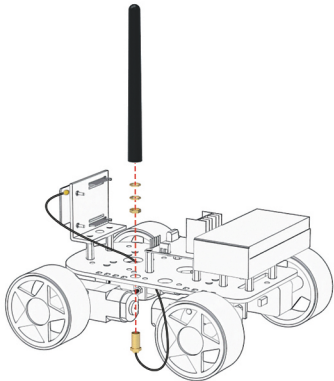
Align the positive and negative terminals of the battery, and then put it into the battery box.

Note: The product does not include batteries, you are advised to prepare two 3.7V 18650 batteries yourself.

安装Wi-Fi天线 (Installing Wi-Fi antenna)



① Wi-Fi天线
(Wi-Fi Antenna)



先把Wi-Fi天线固定在亚克力板上，
再把线接在开发板的背部对应的位置上。

Fix the Wi-Fi antenna on the acrylic car plate first,
and then connect the wire to the corresponding
position on the back of the development board.

接线/Wiring

